

LISTING OF THE CLAIMS:

1. (Currently Amended) A synchronizer ring (10) having a support body (5) made from metal, comprising a conical friction surface (9), and having a friction layer (14) of a material comprising carbon fibers applied to the friction surface (9), ~~characterized in that~~ wherein the material is a compacted fiber reinforced plastic.
2. (Currently Amended) The synchronizer ring (10) as claimed in claim 1, ~~characterized in that~~ wherein the thickness of the friction layer (14) is from 0.2 mm to 0.6 mm, and in that the carbon fiber (8) reinforced plastic is compacted ~~in such a manner~~ that under a surface pressure of 10 N/mm² the friction layer (14) undergoes a change in thickness of less than 0.015 mm; ~~preferably of less than 0.01 mm.~~
3. (Currently Amended) The synchronizer ring (10) as claimed in claim 1 ~~or 2, characterized in that~~ wherein the material is produced from a carbon fiber fabric (8) and a resin, ~~in particular a phenolic resin.~~
4. (Currently Amended) The synchronizer ring (10) as claimed in claim 3, ~~characterized in that~~ wherein the material ~~has been~~ is heat-treated ~~in such a manner~~ so as to convert a resin fraction into carbon.
5. (Currently Amended) The synchronizer ring (10) as claimed in claim 4, ~~characterized in that~~ wherein the carbon is in an amorphous and/or graphite form.

6. (Currently Amended) The synchronizer ring (10) as claimed in claim 4 ~~or 5~~, characterized ~~in that~~ wherein the converted carbon ~~has been~~ is fixed by said resin.
7. (Currently Amended) The synchronizer ring (10) as claimed in ~~one of claims 1 to 6~~, characterized ~~in that~~ claim 1, wherein the friction layer (14) ~~has been~~ is adhesively bonded to the friction surface (9).
8. (Currently Amended) The synchronizer ring (10) as claimed in ~~one of claims 1 to 7~~, characterized ~~in that~~ claim 1, wherein the support body (5) is made ~~from a~~ from the metal selected from the group of materials consisting of brass, from a steel, in particular from a sintered steel, or from a brass-steel composite.
9. (New) The synchronizer ring (1) as claimed in claim 2, wherein the change in thickness of the friction layer (14) is less than 0.01 mm.
10. (New) The synchronizer ring (1) as claimed in claim 3, wherein said resin is a phenolic resin.